

SUBJECT: APPLIED GEOLOGY

Day : Monday
Date : 26/11/2018

W-2018-2287

Time : 10.00 AM TO 01.00 PM
Max. Marks: 60.

N.B.:

- 1) All questions are **COMPULSORY**.
 - 2) Draw neat labeled diagrams **WHEREVER** necessary.
 - 3) Assume suitable data, if necessary.
 - 4) Figures to the **RIGHT** indicate full marks.
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Q.1 Define an earthquake? Discuss in detail the seismic waves. **(10)**

OR

Describe different types of mountains. **(10)**

Q.2 Discuss in detail classification of Igneous rocks. Explain with examples. **(10)**

OR

Describe the types of metamorphism with suitable examples. **(10)**

Q.3 Discuss in detail the stratigraphy of Peninsula. **(10)**

OR

Define folds. Discuss the various types of folds. **(10)**

Q.4 Describe the geological features developed due to river erosion. **(10)**

OR

Discuss in detail the geological work done by groundwater. **(10)**

Q.5 Explain in brief Preliminary Geological Investigation. **(10)**

OR

What type of difficulties can be faced during tunneling? **(10)**

Q.6 Discuss in detail Preliminary Geological Investigation for Dam site selection. **(10)**

OR

Discuss in detail Preliminary Geological Investigation for bridges. **(10)**

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